CHETAN GOLE

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SUMMARY

I am a software engineer with 10 years of hands-on experience in designing and building scalable, multi-tenant, distributed, SaaS products using Java and allied technologies, hosted on AWS Cloud.

SKILLS

- Java Platform
- Spring Framework
- Various Amazon Web Services (AWS)
- Multi-tenant, Cost-effective & Scalable, SaaS.
- Hands-on Coder, Technology Lead, and Enthusiast.
- Sequence flow diagram, Documentation, Agile.

- Microservices Architecture
- Algorithms & Data Structures
- Observability & Monitoring
- CI/CD & Automation, Python
- Serverless: AWS Lambda, SAM, Dynamo DB
- Robot Test Automation Framework

EXPERIENCE

JANUARY 2014 – PRESENT (7 YEARS 5 MONTHS)

Software Specialist / *SAS Research & Development Pvt Ltd, Pune*

Product: SAS Customer Intelligence 360 - www.sas.com/ci360

SAS CI360 is a cloud-based, multi-tenant, SaaS, multi-channel marketing solution to plan and execute marketing campaigns. Technically, it has over a hundred microservices with a multi-technology stack in all the levels serving thousands of tenants using multi-region deployments in AWS.

- Developed and owned a couple of docker based microservices built using Java and allied technologies, hosted on AWS. Also, migrated a couple of monolith services to microservices.
- Developed a connector framework for CI360 which enables third-party integrations. Using this framework customers and consultants can enhance the CI360 features. It also allows integration with the on-premises application which was achieved using web sockets and a client. The Framework was awarded "360 Innovation" in 2019.
- Developed a serverless micro-service using Java and AWS Lambda, which enables customers to export selective data from CI360 in Microsoft Excel format on events or from the UI.
- Contributed several features across the CI360 which enables customers to plan and orchestrate marketing campaigns.
- As part of my role, I have made some key decisions and developments in laying the foundation of application architectures and technologies to be used. I with my team manages the end-to-end life

cycle of each micro-service/feature, from requirement analysis, design, technology choices, development, contribution to testing, performance testing, automation testing, user guide updates, technical documentation, production deployment, production support & monitoring.

- Developed various observability and monitoring dashboards to keep an eye on production systems.
- Contributed to SAS's open-source GitHub repository - https://github.com/chetangole.
- Mentor and supervise a team of developers technically. In this role, I help the team make technological decisions like technology choices, software architecture designs, coding best practices.

Technologies: Java 11, Spring Framework, JPA, Docker, Junit, PostgreSQL JSONB, MySQL, Apache POI, AWS Lambda, AWS EC2, AWS ECS, AWS DynamoDB, AWS SQS, AWS SNS, AWS CloudFormation, AWS CloudWatch, Jenkins, Robot Framework, Python, Observability & Monitoring using Datadog.

MARCH 2011 – DECEMBER 2013 (2 YEARS 10 MONTHS)

Sr. Software Engineer / *Persistent Systems Limited.*

Product: Thermo Fisher Scientific- Ion Reporter - https://ionreporter.thermofisher.com/ir/

Ion Reporter Software, a suite of bioinformatics tools, streamlines, and simplifies analysis, annotation, reporting, and archiving of semiconductor sequencing. Technically, it is a cloud-hosted SaaS with a couple of microservices serving customers in various regions.

- Developed various modules and features using Java, Spring, Hibernate, MySQL, Vaadin.

Technologies: Java 7, Spring MVC, MySQL, Hibernate, AWS EC2, Jenkins, Vaadin.

EDUCATION

Master of Computer Application - 2010, *Nagpur University*

B. Sc. Computer Science - 2007, *Nagpur University*

OPEN-SOURCE CONTRIBUTIONS

WordPress is an open-source PHP based CMS; it has many features including a plugin architecture and a templating system I developed two plugins for WordPress in PHP as an Open-Source contributor.
- WP-COPYPROTECT:*30,000 + active installations:* http://wordpress.org/extend/plugins/wp-copyprotect/
- SMOOTH SCROLL LINKS: *1,000 + active installations:* http://wordpress.org/extend/plugins/smooth-scrolling-links-ssl/

For SAS Customer Intelligence 360, we developed an integration framework that enables easy integration with third-party solutions. I have developed a couple of sample connectors that are hosted on the official SAS GitHub profile, these connectors were built to show how the integrations work.
- https://github.com/sassoftware/ci360-connectors
- https://github.com/sassoftware/ci360-data-transfer-connector

I created a Python-based Listener for the Robot Framework to ease the report viewing of Test Automation. The reports were pushed to the Microsoft Teams channel. The listener was developed as a part of "CI Innovation Days" where everyone is free to develop anything for two days usually during US Holidays.
- https://github.com/chetangole/robot-framework-listener-ms-teams